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Aviation Safety - Central Region

Date: May 27, 2022

Subject: CEN22LA202

Contact: Barry Edwards and Greg Langham, English Field Aviation

On May 15, 2022, about 1320 central daylight time, a Cessna 421C, N619AC, was substantially damaged when it was involved in an accident near Monroe, Louisiana. The pilot and five passengers were not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The following is a summary of a phone conversation with Barry Edwards (General Manager) and Greg Langham (A&P IA), English Field Aviation:

Barry explained their process for completing maintenance and return to service. They utilize Corridor software for their maintenance tracking. They get the customers information and check overall condition of the entire airplane. Bring the airplane in and assign an A&P to check the basics and provide initial assessment, then assign specific mechanic to the job. The mechanic opens ATP to check for literature on the maintenance process. They follow the service and parts manuals. After maintenance is complete, a final check is supposed to be completed by any A&P to make sure everything is correct. In Corridor software there is a way to see to inspection and acceptance; two options before the work order is closed out. The physical inspection was not accomplished. Barry changed the process to make it so that he is the final check for all return to service.

Greg stated that the maintenance squawk stated that the trim tab was not in the proper position. They thought maybe the control rod arm was bottoming out inside, maybe bent. They confirmed it was not bent but needed to be re-rigged. They used

the Cessna 421 maintenance manual to complete this task. Greg was present during this work. His mechanics removed the bolt on the actuator, and he helped re-rig the trim system. Greg physically set the trim tab in the neutral position and set the trim indicator in the takeoff position. He did not check to make sure the bolt was re-installed and was cotter pinned. He checked everything else but missed that step.

END